

Madeleine's logbook

ENTRY #1 1/15/2025

We saw a cool catapult on MYTHBUSTERS and I'm doing a project on it.

ENTRY #2 1/19/2025

I looked up a book on catapults. I checked it out at the library.

ENTRY #3 2/15/2025

I looked in the book then tested the catapult. It did work but I ditched the design anyway to make my own.

I ended up using both designs but before we get into that, let's talk about my design.

I used 11 building sticks, (yes, I know it sounds weird, but that's what it's called!)

1 battery, 1 pencil, 1 spoon, a small plastic container and some string. My design is not catapult it's a trebuchet.

ENTRY #4 2/16/2025

I measured how far the trebuchet and the catapult threw 4 different items. I marked where they hit the ground (not with tape with a coin,) then measured how they went with measuring tape and wrote down the number in a notebook.

ENTRY #5 2/22/2025

Then I made my slides and graphs.

BOOKS and websites

National Geographic Kids "Make This" by Ella Schwartz. 2019.

<https://www.sciencebuddies.org/blog/mini-trebuchet-science>

<https://www.etsy.com/listing/813587951/diy-catapult-engineering-kit-for-kids-at>